|  |  |  |  |
| --- | --- | --- | --- |
| No. | Functional Requirements | Description | Changes |
|  | *The system shall:* |  | *Has been made?* |
| 1 | Allow lecturers to set and manage Occupational Therapy students practice and test their skills on home fall safety. | Overall aim of the system. | *FR01* |
| 2 | Be able to be configured and update data from external files. | The system shall be able to allow theory test data, system configuration data to be edited from external files. | *FR03 in previous version* |
| 3 | Display specific guide information and instruction required by the different users. | Users of the system will be able to display information from the system that is specific to them and only the information required by that user. | *FR04 in previous version* |
| 4 | Display report and feedback regarding to the session that has been completed. | Users of the system will be able to see the practice and test feedback once the session is completed. | *Feedback info to user* |
| 5 | Provide multi-choice questions and answers in related to some abstract theory knowledge. | Certain number of quiz questions will be created randomly from XML question files. | *In related to FR05, but new* |
| 6 | Enable the scenarios in the program to be edited by the administrator. | 1. Enable questions and answers to be edited & updated. 2. Enable virtual room items can be placed base on the scenarios. | *In relation with FR10*  *below* |
| 7 | Include interactions. | Users of the system will be able to interact with the system. | *FR02 in previous version* |
| 8 | Store current user information | 1. Record the scores of the current user for each section. 2. Display the score to the current user for each section | *Necessary*  *FR08 in previous version* |
| 9 | Allow more scenarios to be added/deleted to overall program | Provide administrator/lecturer ability to add/remove scenarios. | *Newly added FR* |
| 10 | Consist of several short tasks and can be choosing to complete in either several small sessions or one big session. | Optional requirement that can provide flexibility for lecturer. | *Optional?*  *Affect the system*  *Navigation* |
| 11 | Be easy to use. | Zero learn time | *FR09 in previous version* |
| Underlying Functional and non-Functional requirements of the system | | | |
| No. | **Requirements** | **Description** | **Changes** |
|  | *The system shall* |  |  |
| 12 | Be available on CDROM | Able to distribute on CDROM | New from last |
| 13 | Allow the occupational therapy students to logon to the training system using a general universal username, and password. | If the system is distribute on CDROM | New from last |
| 14 | Be available for distance delivery | For users who are not on site | New from last |
| 15 | The system shall prevent unauthorized changes to system database. | Preventing modify of the system configuration files and theory question  Files | New from  Last |
| 16 | Be completed by Oct 2009 | Constraints | No |
| Functional & Non-Functional Revisited, there are 16 Requirements in total. Version 1.3 | | | |